

LIQUID CRYSTAL DISPLAY DEVICE**Publication number:** JP2002156950 (A)**Publication date:** 2002-05-31**Inventor(s):** NITTA HIROYUKI; MAEDA TAKESHI; KAWABE KAZUYOSHI; HIRAKATA JUNICHI**Applicant(s):** HITACHI LTD; HITACHI VIDEO & INF SYST**Classification:**

- international: **G02F1/1335; G02F1/133; G02F1/13357; G09F9/00; G09G3/20; G09G3/34; G09G3/36; G02F1/13; G09F9/00; G09G3/20; G09G3/34; G09G3/36; (IPC1-7): G09G3/36; G02F1/133; G02F1/13357; G09F9/00; G09G3/20; G09G3/34**

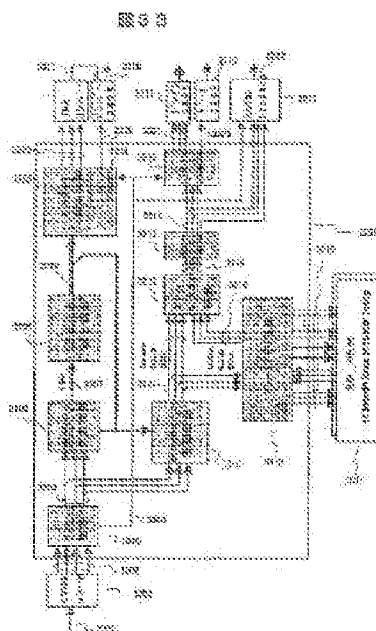
- European: **G09G3/34B4; G09G3/36C8**

Application number: JP20000379779 20001208**Priority number(s):** JP20000379779 20001208; JP20000278672 20000908**Also published as:**

JP3971892 (B2)
US2002057238 (A1)
US7113163 (B2)
US2006279523 (A1)
KR20020020180 (A)

Abstract of JP 2002156950 (A)

PROBLEM TO BE SOLVED: To efficiently improve the luminance of a display image and to suppress the heat generation of a light source. **SOLUTION:** This device is equipped with a panel which has multiple pixels arranged, a light source which visualizes an image displayed on those pixels, a control circuit which controls the light source, and a gradation characteristic control circuit for a video signal; ; and the control circuit for the light source has a function of repeating a cycle including a 1st period wherein a current having 1st intensity is supplied to the light source and a 2nd period wherein a current having 2nd intensity different from the 1st intensity is supplied to the light source and is controlled by the control circuit in the 1st and 2nd periods according to display information, and the gradation characteristic control circuit is also controlled according to the display information so as to always have an excellent contrast.



.....
Data supplied from the **esp@cenet** database — Worldwide